



The Blurb



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Public Service Since 1949

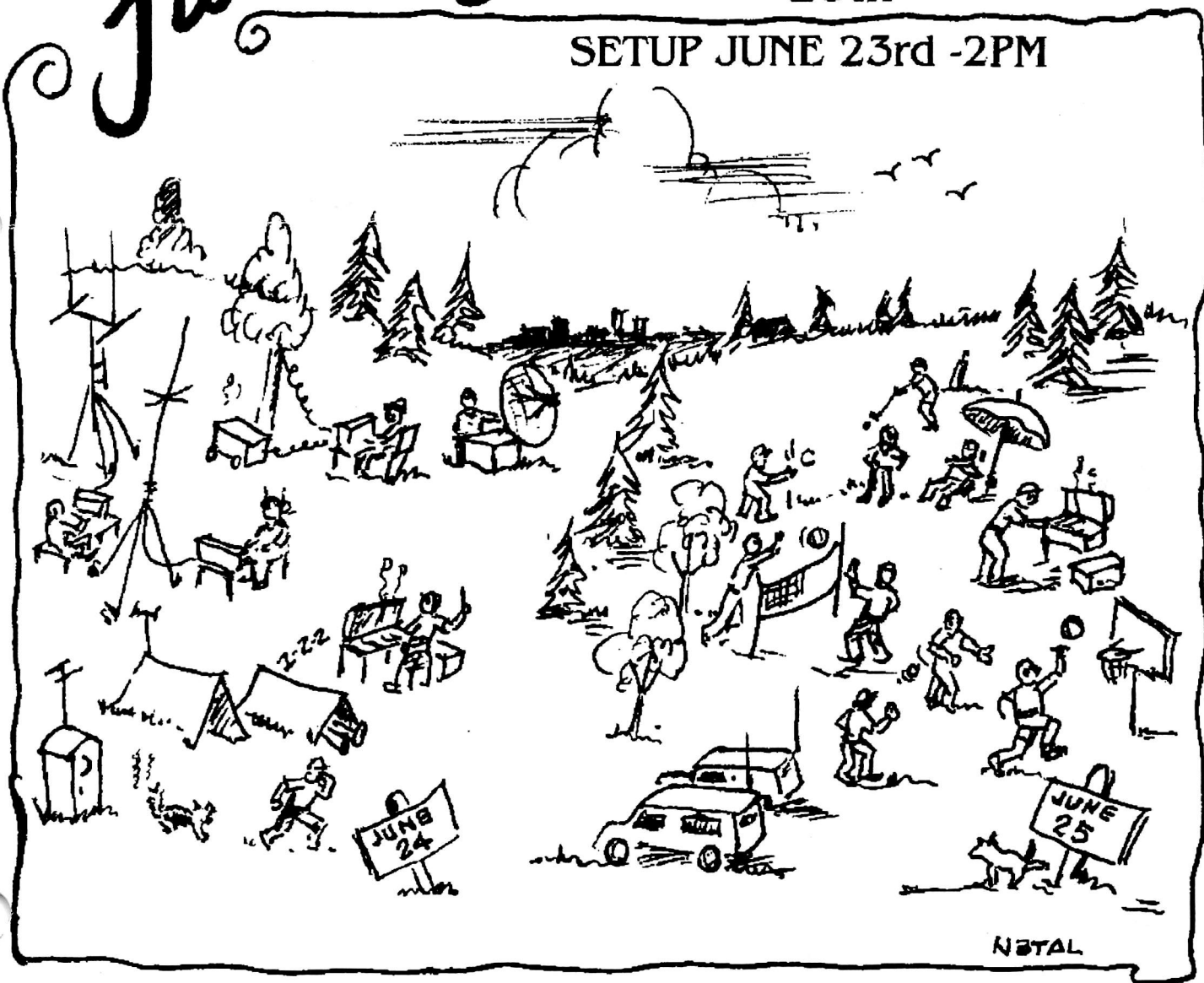
June 2000

W3IM
SUBSTITUTE EDITOR
ONE ISSUE
SEE P4

Field Day: Picnic 2000

June 24th PICNIC
June 25th 25TH

SETUP JUNE 23rd -2PM



The **Blurb** is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs. Requests should be sent to the Editor. Subscriptions are available to nonmembers for \$10 addressed to the Treasurer. The club meets at 7:30 PM on the *second* non-holiday Wednesday of every month at **The Franklin Institute Science Museum**, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street or the parking garage on 21st street. **ALL VISITORS ARE WELCOME!**

Amateur Radio License Examinations are held on the *first* non-holiday Thursday of every month at The Franklin Institute Science Museum—registration begins at 6 PM; doors close at 6:30 PM-**SHARP!**

CLUB INFORMATION

Mailing address: P.O. Box 88, Abington, PA 19001

Internet Web site: <http://www.phil-mont.org>

E-mail: info@phil-mont.org

2-meter repeater: 147.03 MHz—91.5 Hz PL

70-cm repeater: 444.80 MHz—186.2 Hz PL

Simplex: 147.51 MHz

24-hour club information at W3AA: 215-448-1139

STATIONS

W3AA - (Formerly W3TKQ) The Franklin Institute Science Museum, Philadelphia, PA - Trustee WU3I; Manager W3STW
The club sponsors this world-class demonstration station, and welcomes all licensed amateurs to operate.

W3AA packet BBS frequency: 144.99 MHz: w3aa@w3aa.#sepa.pa.usa.noam

W3AA e-mail: w3aa@phil-mont.org

W3EM - Field Day and special events station - Trustee W3VVS

W3QV - 147.03 MHz repeater - Ridge & Port Royal Avenues, Philadelphia, PA - Trustee W3BBB

OFFICERS

PRESIDENT: W3AOK, William H. Popovic, 343 Lemonte Street, Philadelphia, PA 19128 215-487-9472

billpopovic@msn.com — n3fvi@w3aa.#sepa.pa.usa.noam

VICE PRESIDENT: W3WF, Charlie Weigand, 91 Moyer Road, Pottstown, PA 19464 610-323-1050

SECRETARY: N3PVO, Carol Sebzda, 761 North Hills Avenue, Ardsley, PA 19038 215-884-5518

n3pvo@aol.com

TREASURER: K2BN, Mike Tannenbaum, 545 Cardinal Drive, Dresher, PA 19025 215-542-5991

k2bn@agtannenbaum.com — k2bn@w3ch.#sepa.pa.usa.noam

DIRECTORS

WU3I (00); W3RM (00); KB3IV (00); W3STW (01); W3BBB (01); N3MT (01); N3XKE (A)

COMMITTEES

Archives: W3IIN; **Audit:** KE3OP; **Awards:** W3WF; **Blurb folding:** WB3KOJ & WB3KOH; **Budget:** K3KUD;

Directory: WB3KOJ & W3IIM; **DX:** open; **Education:** W3CH; **Emerg Coord:** N3XKE; **Field Day:** WU3I; **Internet:** W3IIM;

Membership: open; **Net Control:** KB3IV; **Publicity:** W3RM; **Program:** W3WF; **Public Service:** W3WF; **Refreshments:** W3AOK;

Repeater: W3BBB; **Skywarn:** WX3PHI; **Special Events:** N3WCO; **Sunshine:** WU3I; **Youth:** KE3ZY; **TVI:** W3VVS;

VE Program: ND3Q; **W3AA Trustee:** WU3I; **W3AA Station Manager:** W3STW; **Welcome:** K3CJ

Blurb STAFF

Editor: Dean M. Spare, N3TAL

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DEADLINE:

To be assured of publication in the current month, all copy must be in the hands of the Editor by the 20th of the month, the month before publication.

NET SCHEDULE

Tuesday CW practice Net at 20:00—147.030 MHz FM

Sunday Morning 2-Meter Net at 09:30—147.030 MHz FM

Sunday Morning "10-on-10" Net at 10:00—28.393 MHz SSB (+/- QRM)

Sunday Morning 75-Meter Net at 10:20—3.993 MHz SSB

Last Tuesday of the month-W3AA Operators' Net at 19:30—147.030 MHz FM

Minutes

Carol Sebзда, N3PVO, Secretary



MAY DIRECTORS' MEETING

The meeting was called to order by President Bill Popovic at 7:05pm.

Dick, W3RM, read a letter about the upcoming Picnic to be held at the Field Day site on June 25. This letter will be published in the Blurb, and read on the air by all net control operators.

Al, W3STW, requested the use of the repeater to conduct a W3AA net on the last Tuesday of each month starting at 7:30pm.

Rick, N3DHI, made to the board of directors a report provided by the Repeatermeister. There is an urgent need to find a replacement UHF RF unit. The report also outlined the need to find a replacement VHF repeater and controller. No time line was set for the replacement of any equipment. As of this meeting, the voting system is working very well with just one off-site receiver. More receivers will be placed on line in the coming weeks. "I believe the purchase of the voter and associated RF equipment is the best investment the club has ever made".

Ed, KB3IV, reported that he might have 12 members who are interested in jackets. Ed will ask for confirmation from people who have been waiting, and then place the order.

Present at the meeting were W3AOK, KB3IV, WU3I, N3DHI, W3WF, W3RM, N3MT, W3STW, N3TAL, and N3XKE.

The meeting was adjourned at 7:28pm.

Mike, K2BN, provided a financial report after the conclusion of the meeting.

Respectfully submitted,
Rick Spencer, N3DHI

MAY GENERAL MEETING

The meeting was held at The Franklin Institute Science Museum on Wednesday, May 10. President Bill Popovic opened the meeting at 7:57pm after a brief coffee and doughnut session.

Charlie, W3WF, requested people to assist him on the Chester County Challenge on May 20th. Charlie emphasized the need for anyone who participates in public service events to file the necessary forms with the event coordinator. This will ensure proper insurance coverage if anyone does become injured.

Bill, W3AOK, reported that the First Union Bike Race will be held on June 4th. Anyone interested please contact him directly.

Steve, WU3I, is requesting that anyone who would like to attend the Field Day operation, and wants to eat, let him know of your intentions.

Dick, W3RM, read a letter that will be published in the Blurb about the open invitation to all members to attend a cookout on Sunday June 25 at the Field Day site.

Ed, KB3IV, needs a permanent Net Control for 75 meter SSB operation. The assignment would be one Sunday a month. If you are interested contact him directly. Ed also reconfirmed the jacket order with some of the members present, and stated again that he wants to place an order for 12 jackets (minimum buy) very shortly. He will advise the members of any price changes.

The program for the evening was Kay Craigie, WT3P, ARRL Vice President. Ms. Craigie was very informative on recent changes, and future programs that she is working on.

The meeting was concluded at 9:07pm. Due to the inclement weather, only 24 people attended the meeting.

Respectfully submitted
Rick Spencer, N3DHI

179th Monthly Phil-Mont VE Test Session Statistics for May, 2000

31 candidates took 9 elements
3 new amateurs, and 26 upgrades

The VE team was chaired by Dusty Rhoads, ND3Q,
and assisted by Mike Collins, NI2E; Bob Freer, W3YLT; Carol Hutkin, K2BL;
Jeremy Mihalov, AA3SR; Jeff Kerber, N3VE; Jim McCloskey, NS3K; Peter Butler, WB2B.
Future test sessions will be held on June 1, July 6 and August 10 (second Thursday)..

V.E. EXAMINATION SITES

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must show two other types of ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 2000 test fee is \$6.65.

The FRANKLIN INSTITUTE

Monthly, 1st Thursday—Dusty Rhoads, ND3Q
215-879-0505 *day*, 215-448-1139 *24-hours*

BELLMAWR, NJ

Diane Nafis 609-227-6281

BRISTOL, PA

George LeNoir 215-943-4886

LEVITTOWN, PA

David Heller 215-946-1040

LINWOOD, PA—(Commercial & Amateur Exams.)

Russ Stafford, W3CH 610-631-3401 x902

TELFORD, PA

Joseph Burgess 215-723-6697

UNIVERSITY OF PENNSYLVANIA

Jeff DePoio 215-898-8538 *shack*, 215-337-7383 *home*

WARMINSTER, PA

Tom Michaud, WA3TQJ 215-343-3494

WILMINGTON, DE

Giselle Wells 302-478-2757

Editor Improving

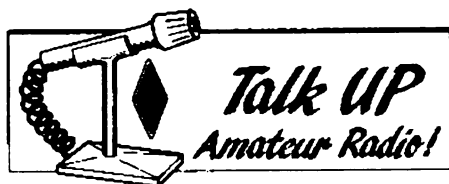
The latest information we have is that Dean Spare, N3TAL, our regular Editor, is improving, and could be home from the hospital by the time you read this. Hurry back Dean!

Jack Haring, W3IIM
Substitute Editor

GOODIES

Wanted

450 MHz credit card type transceiver
Contact W3IIM
w3iim@haring.org



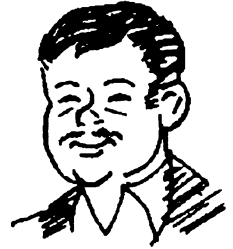
HAMFESTS

- Jul 16** MARC/Valley Forge Hamfest
Kimberton, PA
- Jul 30** BRATS
Timonium, MD
- Sep 16** Delaware Lehigh ARC
Schnecksville, PA
- Oct 1** Pack Rats
Wrightstown, PA
- Oct 22** RF Hill ARC
Sellersville, PA

For more details, and more hamfests:
<http://www.arrl.org/hamfests.html>

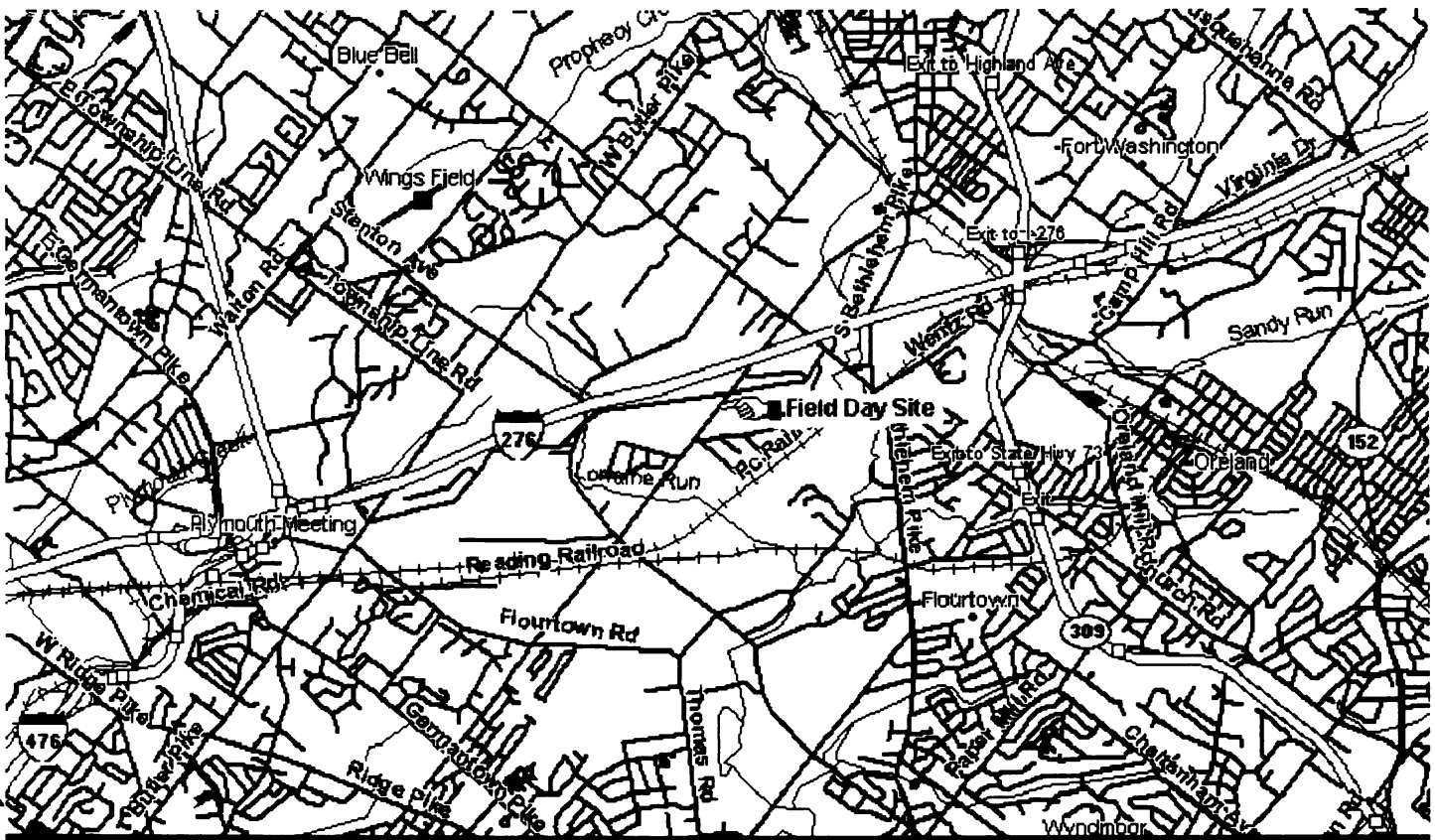
The PREZ SEZ

W3AOK



PMRC will be participating in Field Day 2000, June 24-25 at Fort Washington State Park which consists of 493 acres in Eastern Montgomery County. The park lies between the towns of Fort Washington and Flourtown along the Bethlehem Pike. It is approximately two miles from PA Turnpike exit 26. For more information check <http://www.dcnr.state.pa.us/stateparks/parks/ft-was.htm>. We will be in the organized-group-camping area, which is at the top of the hill. Hope to see you there.

1. Eligibility: Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations. DX stations may be contacted for credit, but are not eligible to compete.
2. Object: To work as many stations as possible on any and all amateur bands (excluding the 30, 17, and 12-meter bands) and in doing so to learn to operate in abnormal situations in less than optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the general public with the capabilities of Amateur Radio.
3. Date and Time Period: Field Day is always the fourth full weekend of June, beginning at 1800 UTC Saturday and ending at 2100 UTC Sunday. Field Day 2000 will be held June 24-25, 2000.
 - 3.1. Class A and B (see below) stations which do not begin setting up until 1800 UTC on Saturday may operate the entire Field Day period.
 - 3.2. Stations which begin setting up before 1800 UTC Saturday may work only 24 consecutive hours, commencing when on-the-air operations begin.
 - 3.3. No Class A or B station may begin set-up earlier than 1800 UTC on the Friday preceding the contest period.



The W3AA Report

Well... the Dayton Hamvention is over, and I'll be looking forward to talking with our club president Bill, W3AOK, and station trustee Steve, WU3I.

The W3AA bulletin board operation needs to be redone. Any club members having attended the Dayton Hamvention and have some ideas about what needs to be done to improve W3AA bulletin board operations are asked to contact Steve or me.

Several W3AA Operators and I have noted the less than satisfactory (meaning not unsatisfactory) Pro 67 beam and rotor operation. Earlier tests performed on beam rotation indicated that rotor operation was satisfactory. This matter will be a prime topic for the W3AA Operators' Net airing, conditions permitting, Tuesday June 27 at 7:30 P.M. on the W3QV Repeater.

Also there's talk of adding the PSK-31 mode. Those operating this mode are asked for their input.

Many thanks to Rob, KB3BYT, and Paul, N3PSO for their continuing participation in the F.I.S.M. Camp-ins. If you're around your amateur radio on Friday or Saturday night tune-in to the W3QV repeater; you might be able to help with a radio demonstration. 'Still haven't seen the unique Morse Code Tutor? I say you're really missing something worth seeing.

A review of the W3AA Visitors' Log Book shows 86 Amateur Radio Visitors. Countries included are INDIA, VU2AFY, IRELAND, EI4EEB, GERMANY, DL7AKC, U.K., G3ZEM, and from BRAZIL, PY2NY and PU2VYT.

Many thanks to the W3AA Volunteer Operators: another P.M.R.C. service to the community.

73 Al, W3STW

LET'S TAKE A LOOK AT FIELD DAY (the Eyeball FD Picnic)

How long since you've been on Field Day? 10 years, 20 years, longer? Or perhaps you're new to the hobby, and not even sure what Field Day is all about.

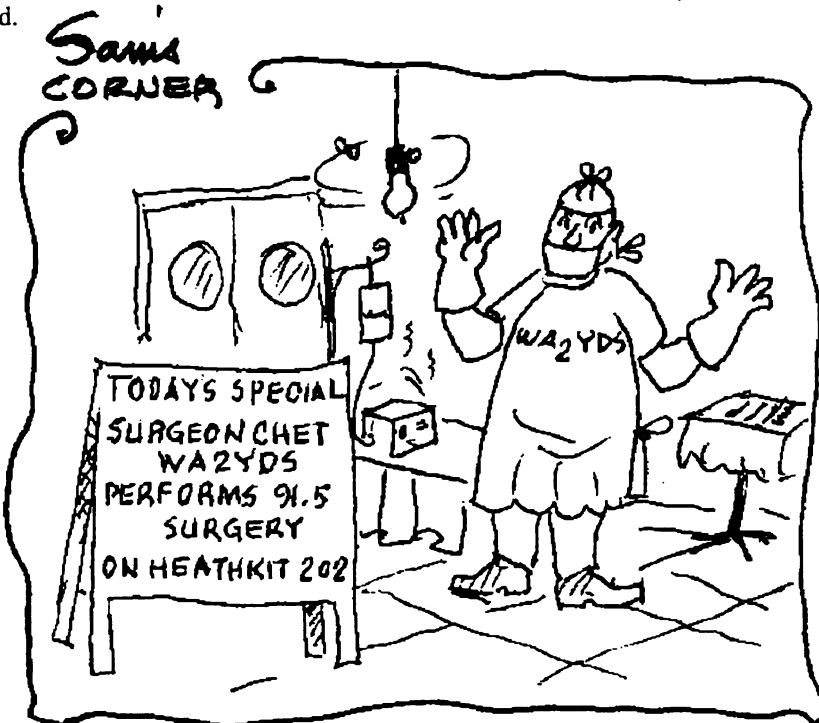
Sponsored by ARRL, this annual field contest embodies the very essence of ham radio's purpose... the major reason we're afforded so much valuable spectrum, and licensed "in the Public Interest, Convenience and Necessity," as the Federal Communications Act expresses it. Field Day is our annual demonstration of amateur radio's continued ability to provide communications under simulated emergency conditions, without commercial power sources.

Again this year, Phil-Mont's FD operation will take place at beautiful Fort Washington State Park, on the last weekend of June (June 24, 25). Probably 25 or so club members will erect rather elaborate antennas, beginning late Friday, and set up emergency-powered stations in tents and trailers. The contest begins at 2 p.m. Saturday, for 24 hours; the object is to work as many other FD stations as possible during that period.

In addition to CW and phone on the HF and VHF/UHF bands, we will use (and demonstrate) some of the latest modes including packet, satellite, APRS, amateur television, and the brand new PSK-31 keyboard-to-keyboard technology.

Check it out for yourself: The Phil-Mont Field Day gang hereby extend an invitation to join us on Sunday, June 25, for the first "Eyeball Field Day Picnic." Plan to come late Sunday morning... the club will provide lunch—or bring your own picnic lunch if you prefer other than hamburgers and hot dogs. (*No alcohol permitted in the State Park!*) Observe what's going on, and operate a bit if you wish... maybe even help us break down the antenna farm after 2 p.m. We've reserved the entire "overnight camping area" of the park, providing plenty of space adjacent to the FD site for the whole family to picnic. Organize some games; we'll provide the prizes. Need directions? Call the FD site (W3EM) on the repeater or on 147.51 simplex. We hope to see you there!

Steve, WU3I, Field Day Chairman



JUNE BIRTHDAYS

- 03 Sandy Lewis (XYL N3DGU)
Bob Whelan - KB2GAJ
- 04 Dick Moll - W3RM
Sue Sadwin - N2CYA
- 06 Chuck Hillman - K3QLY
- 10 Thomas Maresca (OM K3YPH)
- 11 Marc Zaharchuk - WA3CRM
- 12 Miriam Elmaleh - K3UJI (XYL K3HIJ)
- 19 Marie Rhoads (XYL ND3Q)
- 23 Temple Rykaczewski (XYL W3ALM)
- 28 Betsy Reichert - N3EBE
- 30 Mike Lenczynski - KA3EIP
Fred Rice - WA3KIO

HELP PHIL-MONT

Are you planning to join ARRL or renew your current membership? Help P.M.R.C. by joining or renewing through the club...contact Mike Tannenbaum - K2BN, for details.

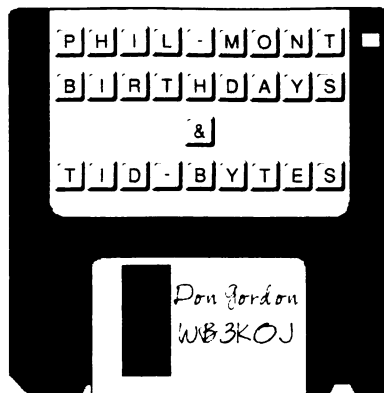
DIRECTORY CHANGES & ADDITIONS

KA3MHO now answers to WR2H

Please send call and license class changes to: wb3koj@comcat.com

MEMBERSHIP STATS

At press time P.M.R.C. has: 146 full paid members, 14 family members, 5 youth, 3 honorary members, 0 pending members



CQ de W3EM

Here we go again gang. We're down to the wire now with less than a month to go. Please join me at the June General Meeting where I will be able to answer any and all questions. As usual I need to know if you are coming, and what meals you will be enjoying with us. The tower crew will arrive at 2 pm on Friday June 23 to start setting up. Please contact me if you wish to set up on Friday. Band Captains are as follows:

75/80 ... W3AYT/KE3NP
40 ... N3TRO
20 ... KE3QB
15 ... WA3NSP
10 ... N3DHI
2&6 ... W3AOK
SAT ... W3STW

I have been in touch with W3LEN, and the generators have been reserved. The laptop computers for logging are being tuned up and are ready to roll. The park has our reservation, and we look good, we need OPERATORS. Please let me know if you are coming, and what meals you will be planning to enjoy with us.

MENU

Saturday and Sunday Lunch
Dogs and Burgers on the Grill
Sunday Breakfast
Pancakes and Sausages
Saturday Dinner
To Be Announced

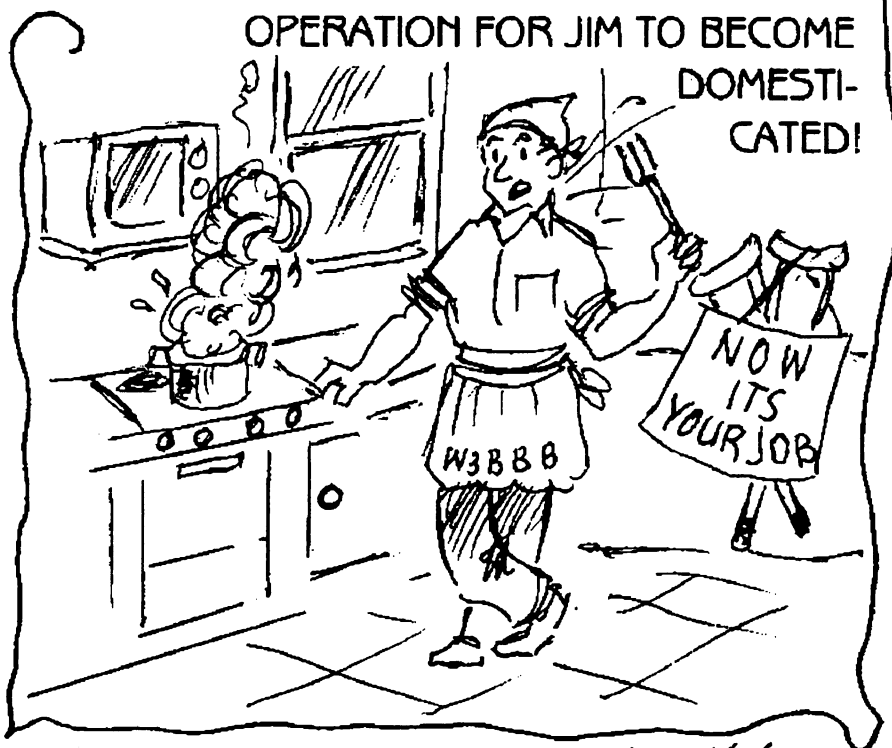
Now on the subject of food: last year I had to leave and attend my sister's wedding (still haven't forgiven that girl!), and some of the ops did not get fed. This year I have no need to leave, and will make sure that the REGISTERED OPERATORS get fed FIRST. If you don't get your name on the list, don't think about getting in line.

The cost for the food has not been over \$10 for the 4 meals in the past, and we hope to keep it under control. The exact cost per person will be determined on Field Day by how many and which meals you stay for.

Hope To See You There
WU3I, Field Day Coordinator

**SAME
OTHER
CORNER**

IT TOOK 50 YEARS & ELAINE'S HIP
OPERATION FOR JIM TO BECOME
DOMESTI-
CATED!



THANK TO KOS

PUBLIC SERVICE EVENTS**Charlie Weigand, W3WF**

610-323-1050

aa3ep@aol.com

aa3ep@w3ch.#sepa.pa.usa.noam

Russ Stafford, W3CH

610-631-3401 ext. 902

w3ch@hdj.com

w3ch@w3ch.#sepa.pa.usa.noam

June 10 & 11

PA Dutch MS150

Morgantown, PA

September 23 & 24

MS150—City to Shore Bike Tour

Cherry Hill to Ocean City, NJ

December 3

Brian's Run

West Chester, PA

**Public Service Signup Forms
Are Available On-Line At:**<http://metro-comm.freethinkers.net>**WANAJACKET?**

Ed, KB3IV, has opened his order book, and is again accepting orders for club jackets. He needs a minimum of 12 before he can place the order with the manufacturer.

RESEARCHER UNDERTAKES STUDY OF RADIO AMATEURS

National Cancer Institute researcher Kenneth Cantor has embarked on an epidemiological study of radio amateurs. Cantor wants to evaluate whether causes of death among amateurs differ from those of the general population. If it turns out that they do differ, he then wants to find out whether the individual's "usual occupation" might explain the differences.

Representatives of the ARRL RF Safety Committee met with Cantor at League Headquarters April 28 to discuss the project. On hand were Committee Chairman Greg Lapin, N9GL, Committee members Robert Gold, WB0KIZ, and Kai Siwiak, KE4PT, and David Sumner, K1ZZ, and Ed Hare, W1RFL, of the ARRL staff.

In addition to identifying ways that the League could assist in improving the study's accuracy, the meeting was aimed, in part, at educating committee members and League staff about the specifics of the proposed study.

Cantor described his investigation as an "inexpensive kind of quick study" that would not yield fine detail. As a result, he told the group, it would be "wrong" to ascribe the deaths to any particular factor.

The session presented an opportunity for Cantor to learn about influences amateurs tend to be exposed to in addition to RF energy. Cantor and the amateurs also were able to gain an appreciation for each other's

points of view—Cantor on the public's sensitivity to the words used to explain the results of such an epidemiological study, and the amateurs on the significance of different types of epidemiological studies.

Some discussion at the session focused on a similar study done 15 years ago by Samuel Milham. Wording in that study's conclusions led many to believe that the Milham study had presented evidence that RF energy caused "an excess of leukemia."

Cantor emphasized that his investigation is a preliminary study, based on a statistical comparison of FCC licensing records and State of California death records. Additional death records might be included as needed. The initial "cohort group" for Cantor's study includes more than 100,000 men and women—seven times larger than the earlier Milham study.

"This type of study can be performed at minimal cost, but it has the potential for misleading results," said Lapin—himself a research professional. Lapin explained that in the event of "apparent associations" in the results of Cantor's study, a follow-up study would be conducted. The followup would involve individual questionnaires and contact with the families of Silent Keys—something the Milham study did not attempt to do.

<http://www.eham.net>

The Repeater Corner

Phil-Mont is looking to replace the RF decks for both UHF and VHF. We have been saving our money for this purpose for some time. If you have any contacts that might have information on the equipment below, please contact Jim Spencer, W3BBB at 215-362-5172 or on the 147.03 repeater.

- Motorola Micor base or repeater station.
 - Motorola MSR 200 base or repeater station
 - GE Master II base or repeater station
 - UHF output of 65-100 watts on 444.800 MHz
 - VHF output of 65-100 sts on 147.03 MHz
- Mobile configurations will not hack our duty cycle.

Our equipment is 20+ years old and will eventually stop dead. Replacing it will not be cheap, but if the '03 repeater is to maintain its high standards, something must be done.
W3BBB

Repeater Changes Scheduled

On, or about, May 30, the repeater is scheduled to change its normal mode of operation from no PL to a full-time PL of 91.5 Hz.

At the same time the courtesy tones will change, so that the "chime" will indicate *normal mode* of PL on.

Stay tuned to '03 for more information.

2000

JUNE

2000

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 180th LICENSE EXAM Session at The Franklin Institute Registration begins at 6:00 Doors close at 6:30 p.m. <i>sharp!</i>	2 ●	3
4 2M NCS N3FTY 10M NCS W3AA 75M NCS W3PWG	5	6 CODE PRACTICE NET at 8 PM WA3NSP	7	8	9	10 PA Dutch MS150
11 2M NCS WA3NSP 10M NCS W3AA 75M NCS W3STW PA Dutch MS150	12	13 CODE PRACTICE NET at 8 PM W3AOK	14 Board Meeting Starts at 7:00 PM General Meeting Starts at 7:30 PM Both held at The Franklin Institute Science Museum <i>Flag Day</i>	15	16 ○	17
18 2M NCS N3OWM 10M NCS W3AA 75M NCS KB3IV <i>Fathers' Day</i>	19	20 CODE PRACTICE NET at 8 PM W3RM Blurb Deadline!	21	22	23	24 Field Day
25 2M NCS W3STW 10M NCS W3AA 75M NCS KB3IV PMRC Picnic	26	27 W3AA Operators' Net at 7:30 PM CODE PRACTICE NET at 8 PM WA3NSP	28	29	30	No matter how thinly you slice it, there are always two sides.

Activities for June 2000

Net Control stations should read the following announcements before asking if there are any more announcements for the net.

- **VE testing** will be held on **Thursday, June 1st** at 6:30 P.M. The 2000 ARRL VE test fee is \$6.65.
- **Wednesday June 14 General Meeting program:** Steve, WU3I will answer your questions about Field Day.
- **Field Day** at Fort Washington State Park—**June 24-25**
- The annual **PMRC Picnic** will be held on **Sunday, June 25th** at the Fort Washington Field Day site. There is no charge to attend. All Phil-Mont members and their families are welcome!
- **W3AA Operators' Net** on **Tuesday June 27** at 7:30 P.M.

Looking Ahead

- **No** General or Directors' Meetings in July and August.

General Meeting Programs

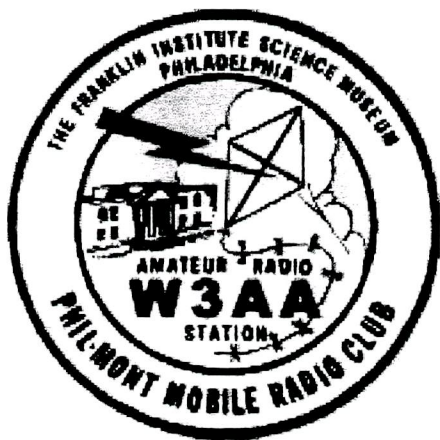
- September: Package pickup for the MS150 City-to-Shore Bike Tour
- October: "Buck" Nimz — U.S. Coast Guard Communications
- November: Sunspots
- December: Elections

The Blurb

A Publication of

THE PHIL-MONT MOBILE RADIO CLUB, INC.

c/o 641 KISMET ROAD, PHILADELPHIA, PA 19115-1114



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Furlong

PA

18925-1101

W3IIN

F



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AMATEUR RADIO: WHEN NORMAL COMMUNICATIONS FAIL!